

MR1793-140

Appl. No. 10/823,762

Reply to Office Action dated 12/13/2005

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A heat duct-equipped heat-radiating device for power supply, comprising:
 - (a) a heat conductive board having a board body section fixedly connected in a housing of the power supply and tightly attached to a heat source of the power supply;
 - (b) a heat duct tightly bridged over the board body section of the heat conductive board, one end of the heat duct protruding outwardly protruding from the housing of the power supply, the heat duct having a duct body tightly attached to and bridged over a connecting seat, the connecting seat being correspondingly locked on the heat conductive board; and
 - (c) a fin body composed of multiple fins, the fin body being fixedly mounted on outer side of the housing of the power supply, the fins of the fin body being respectively formed with corresponding fitting holes through which the heat duct is fitted to contact with the fins, whereby the heat generated by the heat source of the power supply is quickly conducted through the heat duct to the fin body on outer side of the housing and dissipated from the fin body to outer side.

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2. (Original) The heat duct-equipped heat-radiating device for power supply as claimed in claim 1, wherein multiple projecting contact pins are disposed on an edge of the board body section of the heat conductive board for fixedly connecting with a circuit board of the power supply, one side of the board body section being correspondingly attached to a heat source of the circuit board.

3. (Original) The heat duct-equipped heat-radiating device for power supply as claimed in claim 1, wherein the board body section of the heat conductive board is formed with fixing holes and the heat source is formed with through holes aligned with the fixing holes, whereby screws are passed through the through holes of the heat source and screwed into the fixing holes of the heat conductive board to tightly attach the heat source to the board body section of the heat conductive board.

4. (Original) The heat duct-equipped heat-radiating device for power supply as claimed in claim 1, wherein the heat conductive board further includes a fin section connected on the board body section.

5. (Cancelled).

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6. (Currently amended) The heat duct-equipped heat-radiating device for power supply as claimed in claim [[5]] 1, wherein the duct body of the heat duct is tightly fixed on the connecting seat by way of welding.

7. (Currently amended) A ~~The~~ heat duct-equipped heat-radiating device for power supply, comprising: as claimed in claim 1, wherein the

a) a heat conductive board having a board body section fixedly connected in a housing of the power supply and tightly attached to a heat source of the power supply;

(b) a heat duct tightly bridged over the board body section of the heat conductive board, one end of the heat duct protruding outwardly from the housing of the power supply, the heat duct having a duct body of the heat duct is positioned between a connecting seat and the heat conductive board, whereby by means of screws, the connecting seat and the heat conductive board are tightened toward each other to tightly clamp the heat duct.

8. (Currently amended) The heat duct-equipped heat-radiating device for power supply as claimed in claim [[5]] 1, wherein an inner side of the fin body is tightly connected with the connecting seat of the heat duct, whereby the connecting seat supports the fin body on outer side of the housing of the power supply.

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9. (Cancelled).